

Lyophilization Cycle

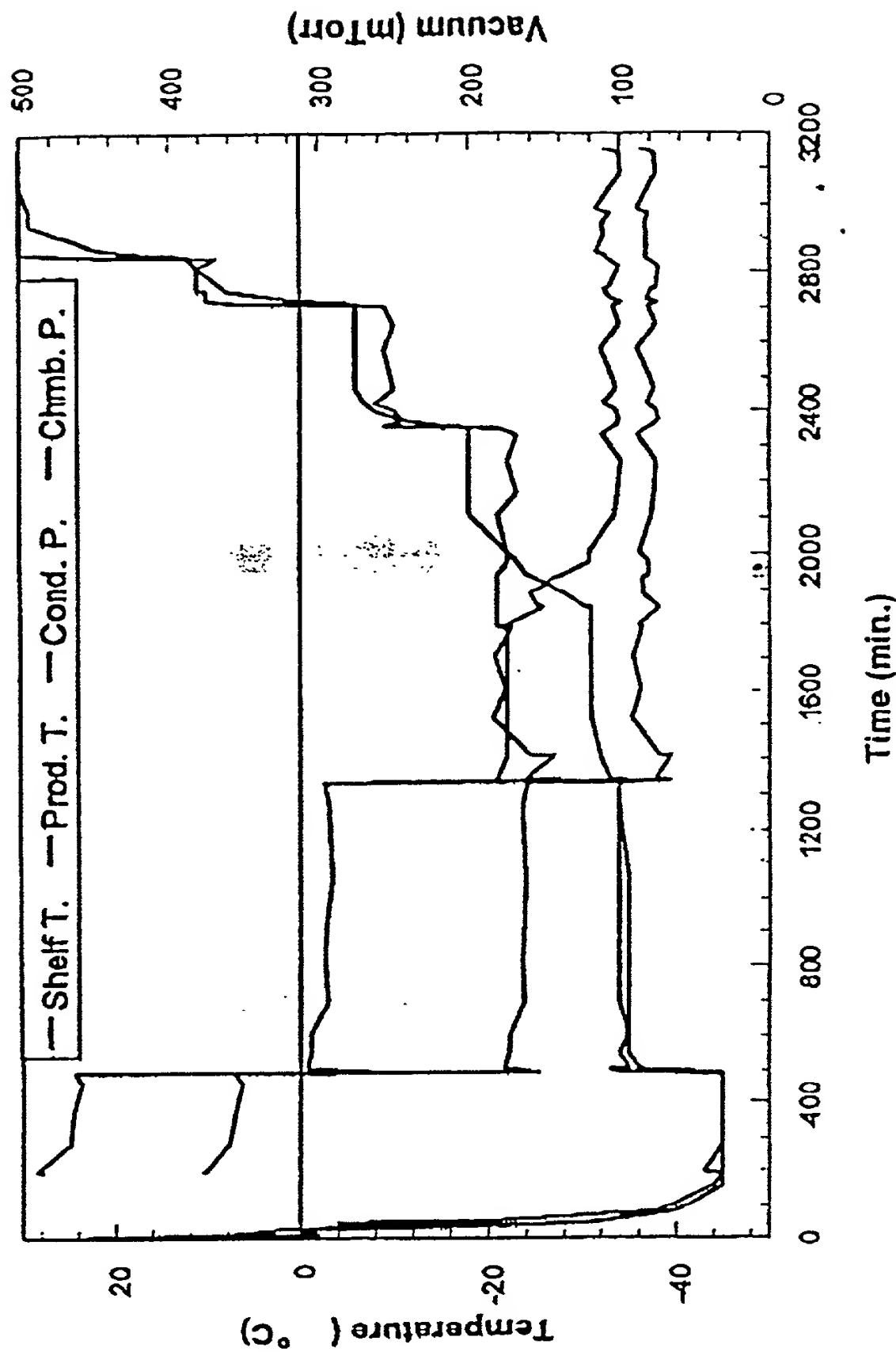


FIG. 1

Residual Moisture of Lyophilized Adenoviral Vector during Storage

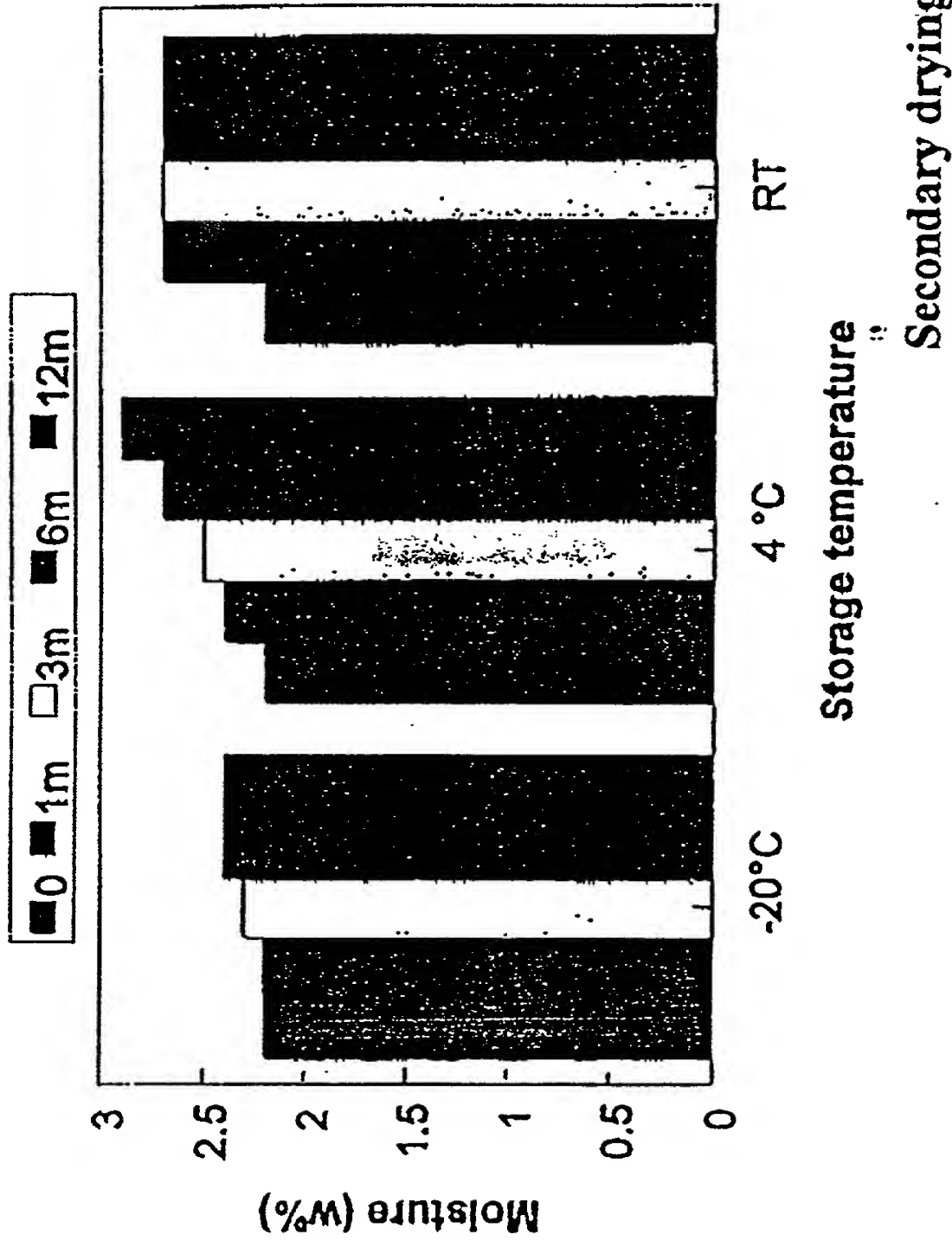


FIG. 2

Stability of Lyophilized Adenoviral Vector during Storage

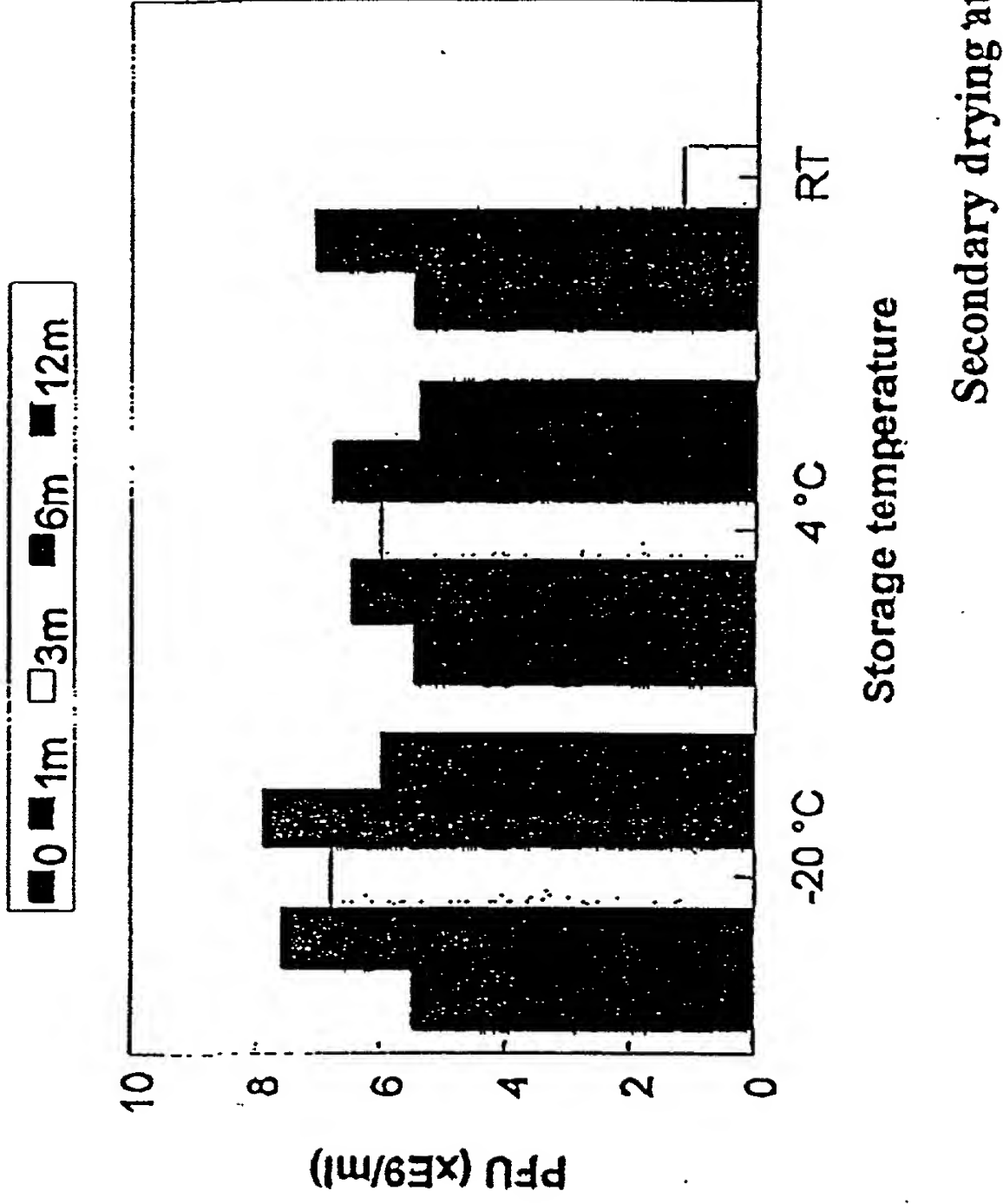


FIG. 3

Residual Moisture of Lyophilized Adenoviral Vector during Storage

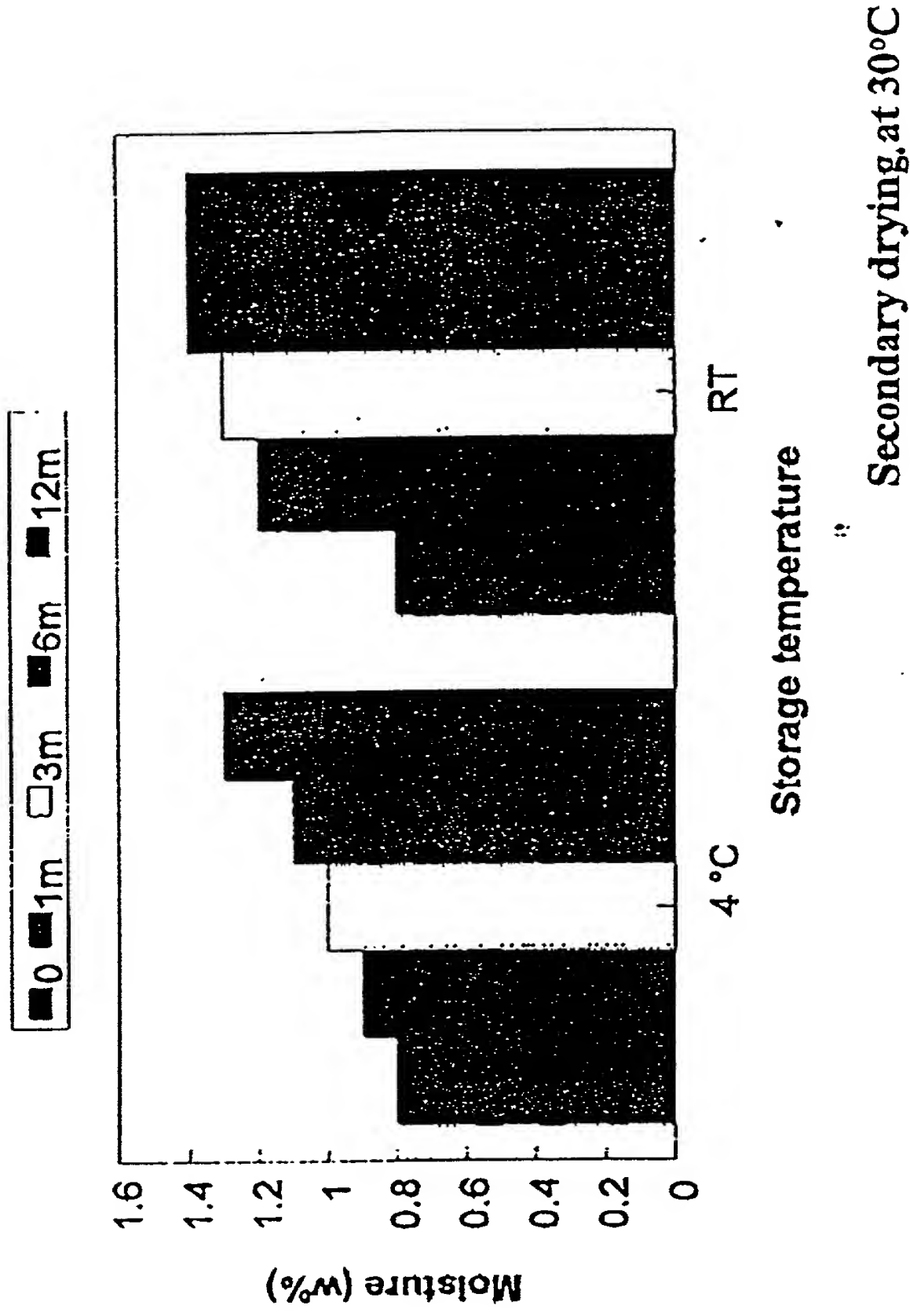


FIG. 4

Stability of Lyophilized Adenoviral Vector during Storage

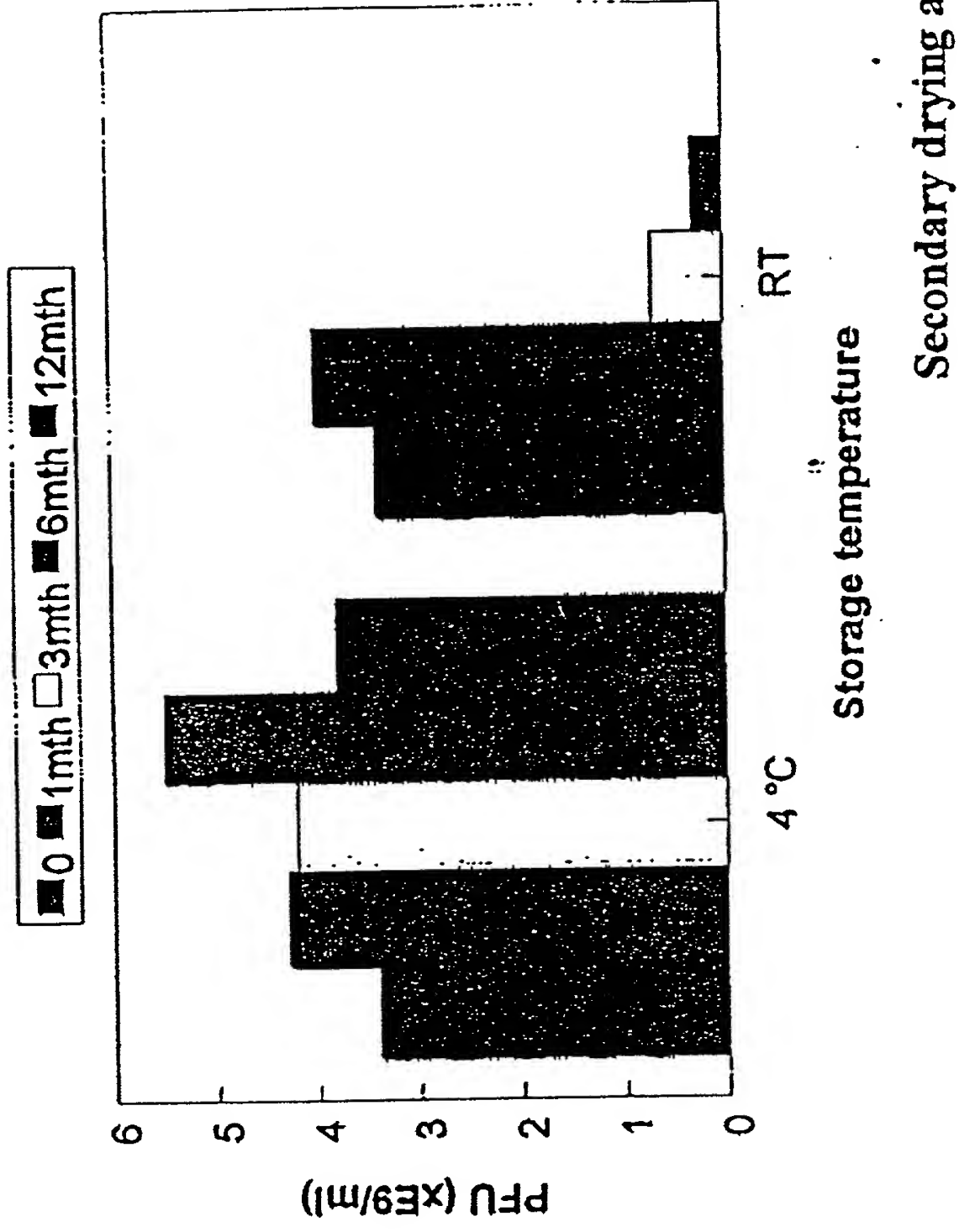


FIG. 5

FOI b3 b7 c b7 d b7 e

HPLC Analysis of Lyophilized Adenoviral Vector Stored at RT

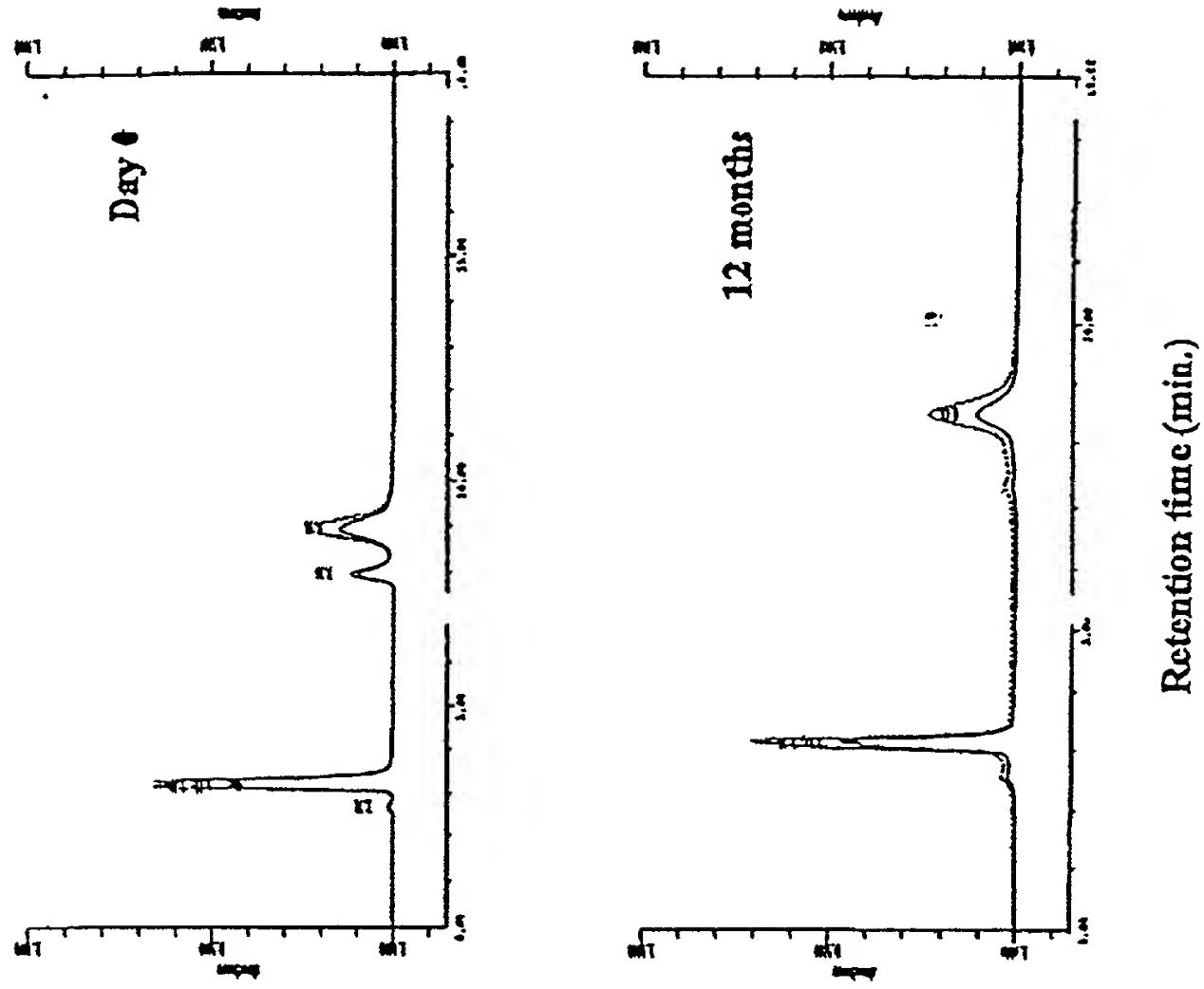
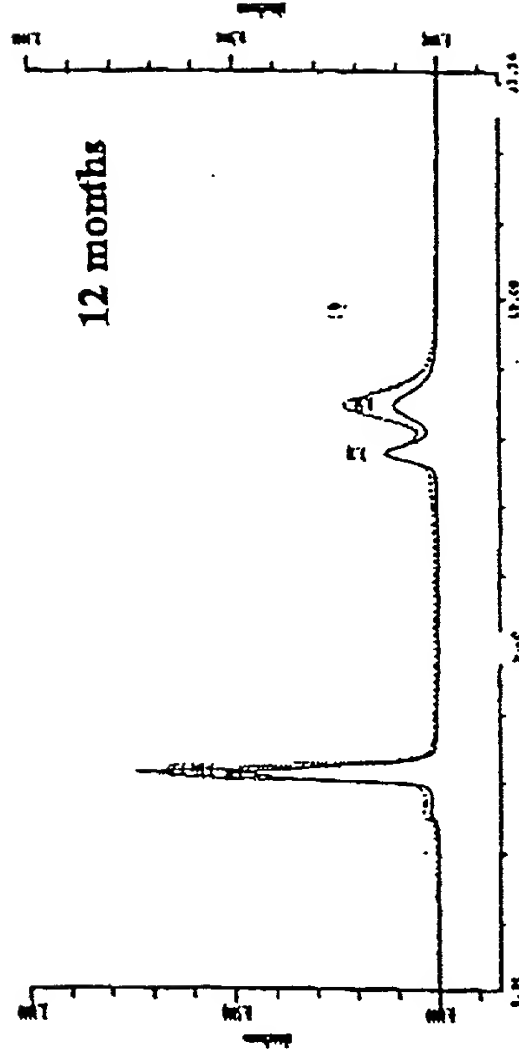
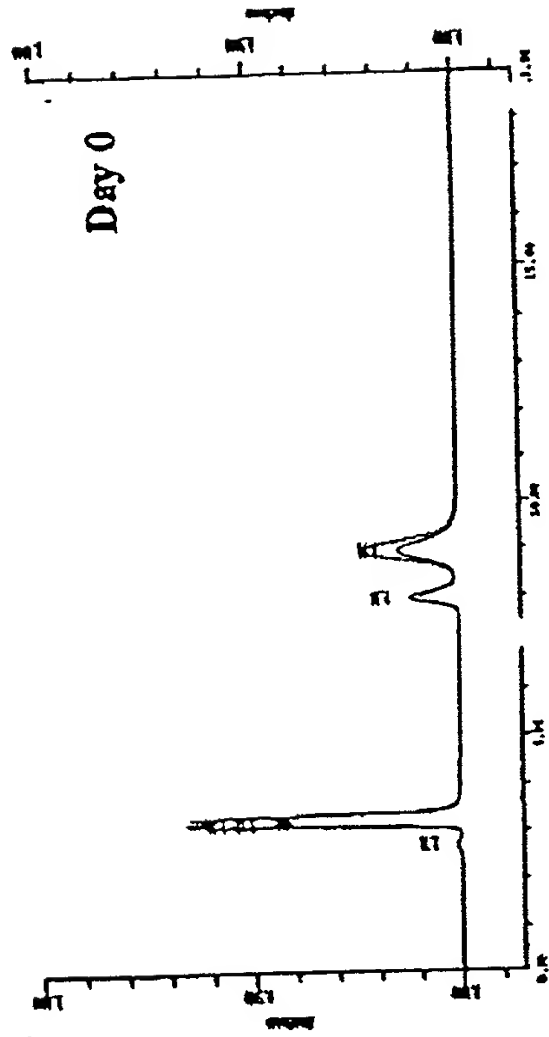


FIG. 6

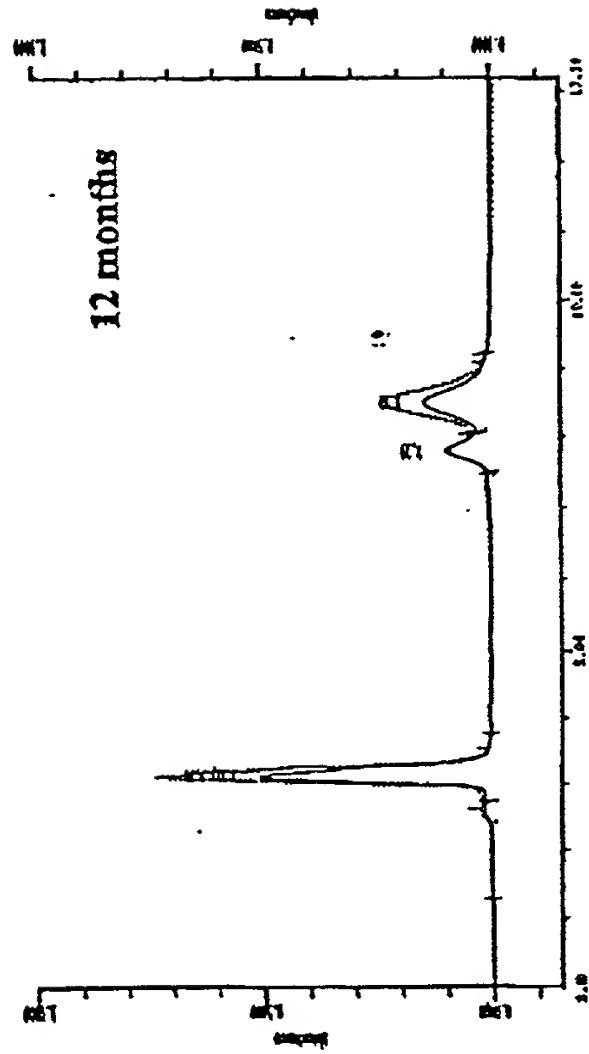
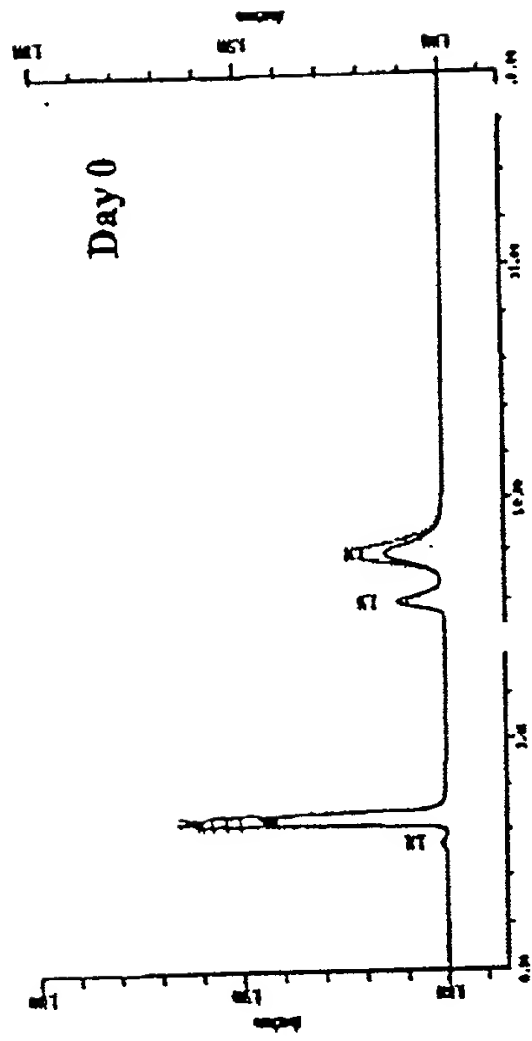
HPLC Analysis of Lyophilized Adenoviral Vector Stored at 4°C



Retention time (min.)

FIG. 7

HPLC Analysis of Lyophilized Adenoviral Vector Stored at -20°C

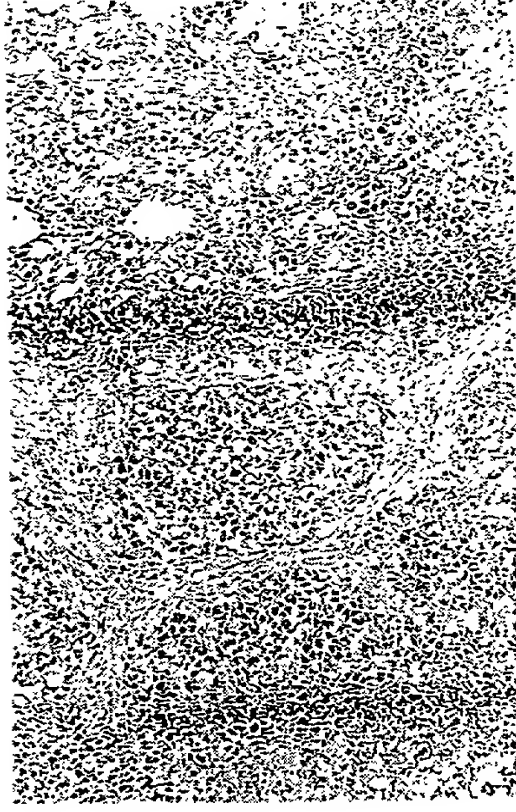


Retention time (min.)

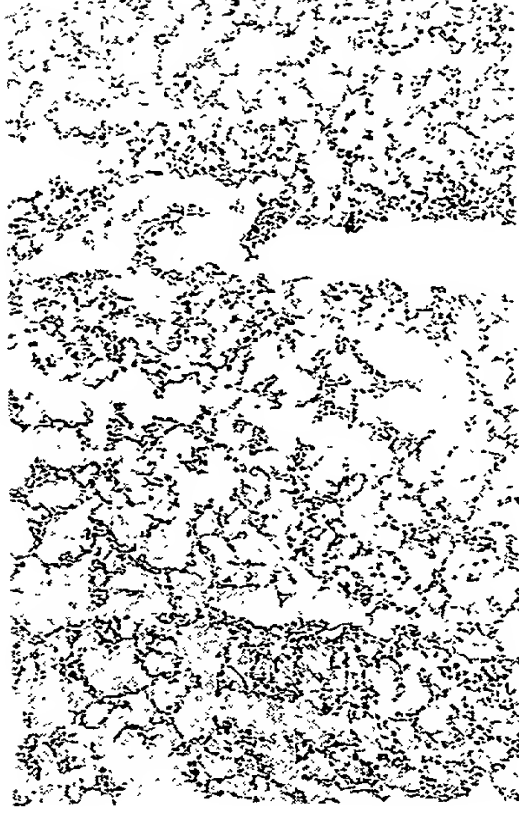
FIG. 8

Ad- β gal in PBS/glycerol

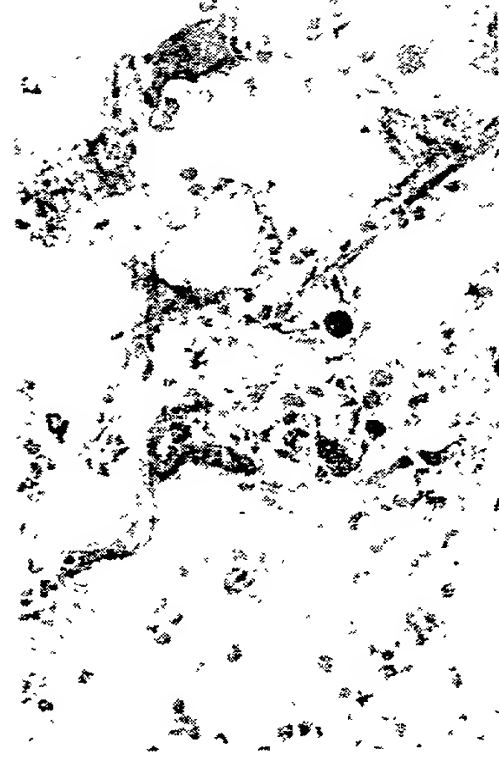
Tumor periphery



Tumor Center



Ad- β gal in PBS/glycerol + 5% DMSO



Injection 2×10^{10} vp

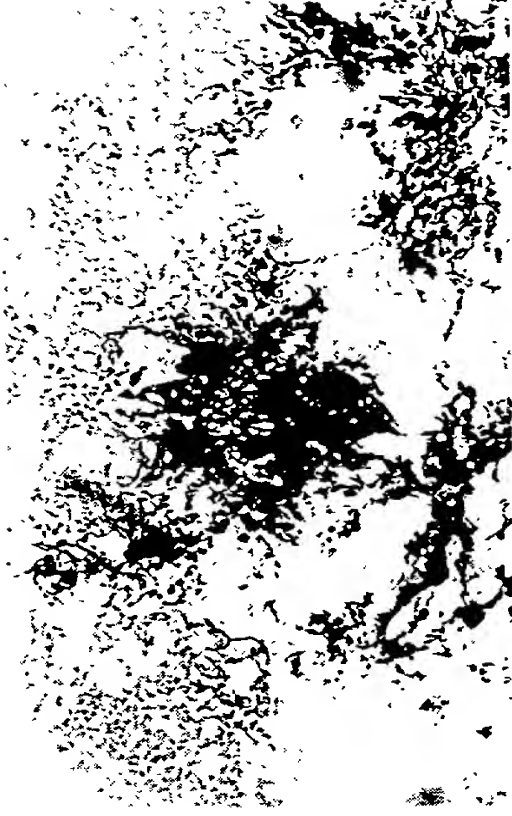
Fig. 2A

Ad-βgal in PBS/glycerol

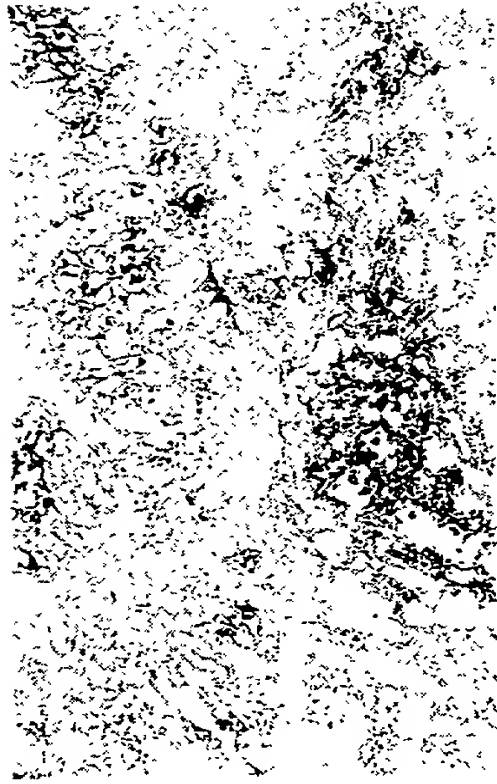
Tumor periphery



Tumor Center



Ad-βgal in PBS/glycerol + 5% DMSO



Injection 2x10¹⁰ vp